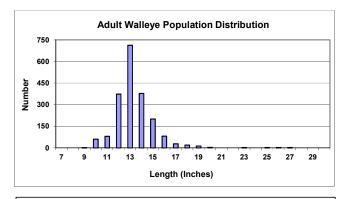


# WISCONSIN DNR FISHERIES INFORMATION SHEET

LAKE: HASBROOK COUNTY: ONEIDA YEAR: 2018

The Department of Natural Resources surveyed Hasbrook Lake, Oneida County, from May 8<sup>th</sup> through May 19<sup>th</sup>, to assess the status of the adult Walleye and Muskellunge populations. Hasbrook Lake is a drained lake with predominantly sand substrates, rock, and some silty areas. It has a surface area of 302 acres, 4.2 miles of shoreline, and a maximum depth of 50 feet. Hasbrook Lake's Walleye and Muskellunge populations are sustained through natural reproduction.



\* Note: Adult Walleye are defined as all sexable Walleye (regardless of length) and those of unknown sex ≥ 15 inches in length.

## Walleye



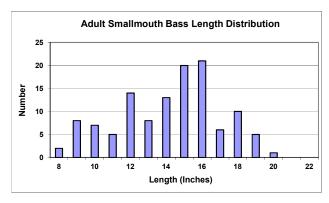
During three days of targeted Walleye fyke netting, 889 adult Walleye were captured and marked with a fin clip. A crew then sampled with an electrofishing boat and captured 242 adult Walleye. During electrofishing 45% (109 of 242) of captured Walleye bore the fin clip given during fyke netting. The largest Walleye we captured was a 27.7-inch female.

Based on those results, Hasbrook Lake was estimated to contain 1,964 adult Walleye (6.5/acre). An estimated 18% of adult Walleye were 15 inches or longer.

### **Smallmouth Bass**



Smallmouth Bass were not a primary target of our survey of Hasbrook Lake. Sampling occurred prior to peak Smallmouth spawning. We captured 120 Smallmouth Bass eight inches or larger; 63% were 14 inches or longer, and the largest was 20.2 inches. No Largemouth Bass were captured during our survey of Hasbrook Lake.



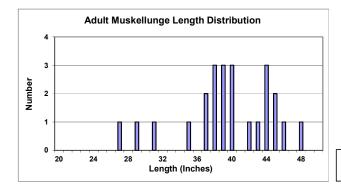
# Adult Northern Pike Length Distribution 8 6 9 13 17 21 25 29 33 37 41 Length (Inches)

## Northern Pike



From sampling between May 8<sup>th</sup> and May 10<sup>th</sup>, just 20 adult Northern Pike were captured in Hasbrook Lake. All Pike captured were less than 26 inches long, and the largest was a 24.2-inch female.

\* Note: Adult Northern Pike are defined as all sexable Northern Pike and those of unknown sex > 12 inches in length.



### Muskellunge



During our fyke netting and electrofishing sampling of Hasbrook Lake, 24 adult Muskellunge were captured. Of the adult Muskellunge, 50% were 40 inches or longer, and the largest was a 48.0-inch female. Additionally, four juvenile Muskellunge (12.5" - 25.3") were also captured.

\* Note: Adult Muskellunge are defined as all sexable Muskellunge and those of unknown sex ≥ 30 inches lin length.

### **Other Species**

In addition to the gamefish mentioned above, five species of fish were captured during our fyke netting and electrofishing sampling of Hasbrook Lake. Yellow Perch were common in our fyke net catches. We also caught moderate numbers of Bluegill, Rock Bass, and White Sucker. The only other species captured was Pumpkinseed.

A creel survey will be conducted on Hasbrook Lake throughout the 2018-19 fishing season. A creel clerk will count and interview anglers and examine their catch. The information gathered will be used to estimate angler fishing effort, catch and harvest.

Table 1. General Fishing Regulations for Hasbrook Lake, Oneida County, 2018-19.

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 5 - March 3	3	No Minimum, 1 over 14 inches
Largemouth Bass	May 5 - March 3	5 in total with SMB	14 inches
Smallmouth Bass	May 5 - June 15 (C&R) June 16 - March 3 (Harvest)	5 in total with LMB; harvest season only	14 inches
Muskellunge	May 26 - Nov. 30	1	40 inches
Northern Pike	May 5 - March 3	5	None

A brief summary of selected fishing regulations for Hasbrook Lake is included above (Table 1). While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from our web site at:

# http://dnr.wi.gov/topic/fishing/regulations/

This report is interim only; Watch for finalized summaries at: <a href="http://dnr.wi.gov/topic/fishing/north/trtysprngsrvys.html">http://dnr.wi.gov/topic/fishing/north/trtysprngsrvys.html</a>. Creel survey results should be available by June of 2019 at: <a href="http://dnr.wi.gov/topic/fishing/north/trtycrlsrvys.html">http://dnr.wi.gov/topic/fishing/north/trtycrlsrvys.html</a>. For questions, contact:

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Email: lawrence.eslinger@wisconsin.gov

For answers to questions about fisheries management activities and plans for Hasbrook Lake, Oneida County, contact:

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Email: zachariah.woiak@wisconsin.gov